

THE DANIEL S. TUDOR COMMEMORATIVE LECTURE SERIES

Each year, the Daniel S. Tudor Commemorative Lecture Series brings a geophysicist of international reputation to share geophysical knowledge with faculty and students at Indiana University. The lecture series recognizes the accomplishments of one of Indiana University's most distinguished alumni, Daniel S. Tudor. Dan was among the most loyal, supportive, and generous of our alumni. He was named President of Exploration Services for Chevron Geosciences in 1984, and he retired as President of Chevron Exploration and Production Services in 1993.

PREVIOUS TUDOR LECTURE SERIES SPEAKERS

2019 - Kyle Anderson, USGS
2017 - Paul Segall, Stanford University
2016 - John Shaw, Harvard University
2014 - Bill Ellsworth, USGS Menlo Park, CA
2013 - Terry Engelder, Penn State University
2012 - Marcia McNutt, U.S. Geological Survey
2010 - Michael Bostock, University of British Columbia
2009 - Henry W. Posamentier, Chevron Energy Technology Co.
2007 - G. Randy Keller, University of Oklahoma
2006 - Walter D. Mooney, U.S. Geological Survey
2005 - N. Ross Hill, Chevron Energy Technology Co.
2004 - Fred J. Hilterman, University of Houston
2001 - John W. Gibson Jr., Landmark Graphics Corp.
2000 - Thomas J. Schull, Chevron USA Production Co.



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Indiana University Bloomington*



*Daniel S. Tudor
1930-1999*

Science Activation: The Path From Research To Legislation For Seismic Safety In California

LUCY JONES

*California Institute of Technology
Dr. Lucy Jones Center for Science & Society
U.S. Geological Survey, emeritus*

Monday, February 22, 2021
ZOOM Lecture, 4:00 p.m.

Science Activation: The path from research to legislation for seismic safety in California

Abstract: At the US Geological Survey, I led a decade-long project to increase the use of earth science in forming seismic safety policy in California that began with the ShakeOut scenario and culminated with the enactment by the City of Los Angeles of Resilient by Design, the most comprehensive advance in seismic safety ever undertaken in California. This talk will look at how we were able to not just communicate the results of the science, but also activate it, engaging with policy makers to enact meaningful change.

Biographical Information

Lucy Jones

Dr. Lucy Jones is the chief scientist of the Dr. Lucy Jones Center for Science and Society, activating the use of science in the creation of more resilient communities, and a Research Associate at the Seismological Laboratory of Caltech. With a BA in Chinese Language and Literature from Brown University and a Ph.D. in Geophysics from MIT, Dr. Jones has furthered resilience to natural hazards through scientific research and collaborations with policy makers, including 33 years with the US Geological Survey. She created the Great ShakeOut, an earthquake drill that included 62 million participants around the world in 2019, wrote over 100 published papers on statistical seismology and integrated disaster scenarios, and most recently published *The Big Ones: How Natural Disasters Have Shaped Us (and what we can do about them)* (published by Doubleday, 2018). She is also a musician and composed *In Nomine Terra Calens* (In the name of a warming earth). Her pioneering science was recognized with numerous awards including Samuel J. Heyman Service to America Medal.

